

REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

For realing Office use only

PCT/EP 02 / 1 4 8 8 5

(27. 12. 2002)

2 7 DEC 2002

International Filing Date

r / DEG 7007

EUROPEAN PATENT OFFICE
PCT INTERNATIONAL APPLICATION
Name of receiving Office and "PCT International Application"

Applicant's or agent's file reference (if desired) (12 characters maximum) ABB00268/WO

(if desired	(12 characters maximum) ABBUU200/VVU						
Box No. I TITLE OF INVENTION							
A method for on-line calibration of low accurancy voltage sensor through communication bus							
Box No. II APPLICANT This person is also in	ventor						
Name and address: (Family name followed by given name; for a legal entity, full officion.  The address must include postal code and name of country. The country of the address in Box is the applicant's State (that is, country) of residence if no State of residence is indicate.	dicated in this						
ABB T&D Technology Ltd.	Facsimile No.						
Affolternstrasse, 44	Talandara Na						
P.O.BOX 8131	Teleprinter No.						
CH-8050 Zürich	Applicant's registration No. with the Office						
Switzerland	Applicant stegistiation No. with the Office						
State (that is, country) of nationality: CH State (that is, country)	at is, country) of residence:						
This person is applicant for the purposes of:  all designated States except the United States of American States.	ept the United States the States indicated in the Supplemental Box						
Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INV	ENTOR(S)						
Name and address: (Family name followed by given name; for a legal entity, full offici. The address must include postal code and name of country. The country of the address in							
Box is the applicant's State (that is, country) of residence if no State of residence is indicated	d below.) applicant only						
COLOMBO Alessandro							
Via Bianchi Mosè, 93	applicant and inventor						
20149 Milano	inventor only (If this check-box is marked, do not fill in below.)						
Italy	Applicant's registration No. with the Office						
State (that is, country) of nationality: State (th	at is, country) of residence:						
IT IT							
This person is applicant for the purposes of:  all designated designated the United States exc the United States of American States.	ept erica  the United States the States indicated in the Supplemental Box						
Further applicants and/or (further) inventors are indicated on a continu	uation sheet.						
Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADI	DRESS FOR CORRESPONDENCE						
The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent common representative						
Name and address: (Family name followed by given name; for a legal entity, full officient the address must include postal code and name of country.)	al designation. Telephone No. +39 035 241069						
GIAVARINI FRANCESCO	Facsimile No.						
GIAVARINI E ASSOCIATI S.r.I.	+39 035 4136336						
Via XX Settembre, 58/A 24122 Bergamo	Teleprinter No.						
Italy	Agent's registration No. with the Office						
Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.							

Form PCT/RO/101 (first sheet) (March 2001; reprint July 2002)

See Notes to the request form

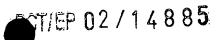
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Sheet	No.	 .4.	

Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)							
If none of the following sub-boxes is used, this sheet should not be included in the request.							
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)	This person is:						
GEMME Carlo	l <u>브</u> "						
Via Aselli, 5	applicant and inventor inventor only (If this check-box						
27100 Pavia	is marked, do not fill in below.)						
Italy	Applicant's registration No. with the Office						
State (that is, country) of nationality:  State (that is, country)	) of residence:						
IT IT							
for the purposes of: States the United States of America	the United States of America only the States indicated in the Supplemental Box						
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this	This person is:						
Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)	applicant only						
CEREDA Carlo	applicant and inventor						
Via A. Gramsci, 4	inventor only (If this check-box is marked, do not fill in below.)						
24043 Caravaggio (BG)							
Italy	Applicant's registration No. with the Office						
State (that is, country) of nationality:  State (that is, country)  State (that is, country)	v) of residence:						
This person is applicant for the purposes of:  all designated States except the United States of America	the United States of America only the States indicated in the Supplemental Box						
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)  TERRAZZINO Alfonso Via Federico II, 1	This person is:  applicant only  applicant and inventor inventor only (If this check-box						
92021 Aragona (AG)	is marked, do not fill in below.)						
Italy	Applicant's registration No. with the Office						
State (that is, country) of nationality:  State (that is, country)  State (that is, country)	l y) of residence:						
This person is applicant all designated all designated States except for the purposes of:	the United States of America only the Supplemental Box						
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)	This person is:  applicant only  applicant and inventor  inventor only (If this check-box is marked, do not fill in below.)  Applicant's registration No. with the Office						
State (that is, country) of nationality:  State (that is, country)	y) of residence:						
This person is applicant all designated all designated States except the United States of America	the United States of America only the States indicated in the Supplemental Box						
Further applicants and/or (further) inventors are indicated on another continuation	n sheet.						



Box	No.	V	DESIGNATION OF STATES	М	lark the applicable check-boxes below;	at le	ast	one must be marked.
The	follo	win	ng designations are hereby made unc	er Rı	ule 4.9(a):			
			atent		•			
<b>X</b>	AP	AF SL Sta	RIPO Patent: GH Ghana, GM ( Sierra Leone, SZ Swaziland, TZ U ate which is a Contracting State of ecify on dotted line)	nited the F	bia, KE Kenya, LS Lesotho, MW Republic of Tanzania, UG Uganda, Z Harare Protocol and of the PCT <i>(if oth</i>	M Z ier k	am ind	bia, ZW Zimbabwe, and any other of protection or treatment desired,
X	EA	Eu RU Pa	rasian Patent: AM Armenia, AZ A J Russian Federation, TJ Tajikistan tent Convention and of the PCT	zerb , TM	aijan, BY Belarus, KG Kyrgyzstan, K Turkmenistan, and any other State w	Z K hich	aza is a	khstan, MD Republic of Moldova, Contracting State of the Eurasian
	EP	Re IE any	public, DE Germany, DK Denmark Ireland, IT Italy, LU Luxembourg, I y other State which is a Contracting	K, EE MC N Stat	n, BG Bulgaria, CH & LI Switzerland Estonia, ES Spain, FI Finland, FR I Monaco, NL Netherlands, PT Portugal, e of the European Patent Convention	rand	ce, ( Swe of	GB United Kingdom, GR Greece, iden, SK Slovakia, TR Turkey, and the PCT
		GA TI of	A Gabon, GN Guinea, GQ Equator O Chad, TG Togo, and any other Sta protection or treatment desired, spec	ial G te wl	n, CF Central African Republic, CG uinea, GW Guinea-Bissau, ML Mali hich is a member State of OAPI and a m dotted line)	MI Con	R M	auritania, NE Niger, SN Senegal, sting State of the PCT (if other kind
					tment desired, specify on dotted line):	•		
			ted Arab Emirates 🛚	GM	I Gambia		NZ	New Zealand
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X	AL .	Alba	ania	HU	Hungary			
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	AU .	Aus	rbaijan	I IIN	India			Russian Federation
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					) Norway			
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					on to the designations made above, the			

other designations which would be permitted under the PCT except any designations indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)



Box No. VI PRIORITY	CLAIM						
The priority of the following	earlier application(s) is here	by claimed:					
Filing date	Number	Where earlier application is:					
of earlier application (day/month/year)	of earlier application	national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office			
item (1) 28 December 2001 (28.12.2001)	EP01205184.3		EP				
item (2)							
item (3)							
item (4)							
item (5)	<u> </u>						
			ı				
Further priority claims	are indicated in the Suppleme	ental Box.					
The receiving Office is requifithe earlier application was above as:	ested to prepare and transmit filed with the Office which for	to the International Burea the purposes of this interna-	u a certified copy of the ational application is the	earlier application(s) (only receiving Office) identified			
all items item	(1) item (2)	item (3) item	(4) item (5)	other, see Supplemental Box			
* Where the earlier applicate Industrial Property or one M	on is an ARIPO application, i Iember of the World Trade O	ndicate at least one country rganization for which that	y party to the Paris Conv earlier application was fi	ention for the Protection of iled (Rule 4.10(b)(ii)):			
Box No. VII INTERNAT	TIONAL SEARCHING AU	THORITY					
Choice of International Se international search, indicate	arching Authority (ISA) (if a the Authority chosen; the two	two or more International S o-letter code may be used):	Searching Authorities are	competent to carry out the			
ISA /							
Request to use results of en	arlier search; reference to to	that search (if an earlier s	earch has been carried o	ut by or requested from the			
Date (day/month/year)	Num	ber Cour	ntry (or regional Office)				
Box No. VIII DECLARATIONS							
The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable Number of check-boxes below and indicate in the right column the number of each type of declaration):							
Box No. VIII (i)	Declaration as to the identi	ity of the inventor		:			
Box No. VIII (ii)  Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent:							
Box No. VIII (iii) Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application :							
Box No. VIII (iv)	Declaration of inventorshi United States of America)		of the designation of the	: 1			
Box No. VIII (v)	Declaration as to non-prej	udicial disclosures or exce	eptions to lack of novelty	у :			



Sheet No. 7

Box No. IX CHECK LIST; LANGUAGE OF FILING						
This international application contains:  (a) the following number of sheets in paper form:	This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):  1.   fee calculation sheet	Number of items				
request (including declaration sheets) : 7	2.  original separate power of attorney					
description (excluding	3. original general power of attorney					
sequence listing part) : 4	4. copy of general power of attorney; reference number,	·				
claims : 1 abstract : 1	if any:	:				
drawings : 2	5. statement explaining lack of signature	:				
Sub-total number of sheets: 15	6. priority document(s) identified in Box No. VI as item(s):	:				
sequence listing part of description (actual number of sheets if filed in paper	7. translation of international application into (language):					
form, whether or not also filed in computer readable	separate indications concerning deposited microorgani or other biological material					
form; see (b) below) :  Total number of sheets :	sequence listing in computer readable form (indicate also and number of carriers (diskette, CD-ROM, CD-R or ot	so type				
(b) sequence listing part of description filed in computer readable form	(i) copy submitted for the purposes of internationa under Rule 13ter only (and not as part of the	•				
(i) only (under Section 801(a)(i))	international application)	:				
(ii) in addition to being filed in paper form (under Section 801(a)(ii))	<ul> <li>(ii) (ii) (only where check-box (b)(i) or (b)(ii) is marked column) additional copies including, where app the copy for the purposes of international search</li> </ul>	licable,				
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which the sequence listing part is contained (additional copies to be indicated under item 9(ii), in right column):	Rule 13ter  (iii) together with relevant statement as to the identi of the copy or copies with the sequence listing prentioned in left column	ty oart :				
right Columny.	10.  other (specify):	:				
Figure of the drawings which should accompany the abstract:	Language of filing of the international application: ENGLISH					
Box No. X SIGNATURE OF APPLICAN	Γ, AGENT OR COMMON REPRESENTATIVE					
	ning and the capacity in which the person signs (if such capacity is not obvious j	from reading the request).				
GEMME Carlo (Applicant & Inventor)	Gene Couls					
COLOMBO Alessandro (Applicant & Ir	iventor) Alexander					
CEREDA Carlo (Applicant & Inventor)	no Stul					
TERRAZZINO Alfonso (Applicant & Inv	ventor) Olhn Tenon-					
GIAVARINI Francesco (The Agent)						
	For receiving Office use only					
Date of actual receipt of the purported international application:	2 7 DEC 2002 (2 7. 12. 2002)	2. Drawings:				
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:						
Date of timely receipt of the required corrections under PCT Article 11(2):		not received:				
5. International Searching Authority (if two or more are competent): ISA /	6. Transmittal of search copy delayed until search fee is paid					
For International Bureau use only						
Date of receipt of the record copy by the International Bureau:						